Index of Claims

| Application No. | Applicant(s)    |
|-----------------|-----------------|
| 10/813,743      | ZABLOCKI ET AL. |
| Examiner        | Art Unit        |

Examiner

**Emily Bernhardt** 

1624

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | aim      |   |                      | Date            |                  |              |     | Clai          | im           |                    | Date            |                      |   |     | Cla   | aim         | _        |          |  | Date   | )               |          |           |          |
|-------------|----------|---|----------------------|-----------------|------------------|--------------|-----|---------------|--------------|--------------------|-----------------|----------------------|---|-----|-------|-------------|----------|----------|--|--|-----------------|----------|-----------|----------|
|             | <u>m</u> | 7/104   |                      |                 |                  |              |     |               | <del>-</del> |                    |                 |                      |   |     |       | <del></del> | -        |          |  |  |                 |          |           |          |
| Final       | Original | 11  |                      |                 | 1 1              |              |     | Final         | Original     | }                  | 1               |                      |   | 10  | Final | Original    |          |          |  |  |                 |          |           |          |
| ΙĒ          | Ä        | nu  |                      |                 |                  |              |     | iĒ            | Ĕ            |                    |                 |                      |   | 7.7 | ίĒ    | ļ ži        |          |          |  |  |                 |          |           |          |
| L           |          |   |                      |                 |                  |              |     |               |              |                    |                 |                      |   | 4.5 |       |             |          |          |  |  |                 |          |           |          |
|             | 1        | 1   |                      |                 |                  | 1            | 100 |               | 51           |                    |                 |                      |   | 11  |       | 101         |          |          |  |  |                 |          |           | $\neg$   |
|             | 2        |   |                      |                 |                  | 1            |     |               | 52           |                    |                 |                      |   |     |       | 102         |          |          |  |  |                 | $\Box$   |           | П        |
|             | 3        |   |                      |                 |                  |              |     |               | 53           |                    |                 | _]_[_                |   |     |       | 103         |          |          |  |  |                 |          |           |          |
|             | 4        |   |                      |                 |                  |              |     |               | 54           |                    |                 |                      | $\Box$  |     |       | 104         |          | Т        |  |  |                 | T        | T         | П        |
|             | 5        |   |                      |                 |                  |              | [   |               | 55           |                    |                 |                      |   |     |       | 105         |          |          |  |  |                 |          |           |          |
|             | 6        | <b>\</b>  |                      |                 |                  |              |     |               | 56           |                    |                 |                      |   | 1   |       | 106         |          |          |  |  |                 |          |           |          |
|             | 7        | П   |                      |                 |                  |              |     |               | 57           |                    |                 |                      |   | 1   |       | 107         |          |          |  |  |                 | $\neg$   | $\exists$ |          |
|             | 8        |   |                      | TT              |                  |              |     |               | 58           |                    |                 |                      |   |     |       | 108         |          |          |  |  |                 | $\neg$   |           | $\neg$   |
|             | 9        |   |                      | T               |                  |              |     |               | 59           |                    |                 |                      | Т. П  |     |       | 109         |          | 1        |  |  |                 | $\neg$   | T         | $\neg$   |
|             | 10       |   |                      |                 |                  |              |     |               | 60           |                    |                 |                      | $\sqcap$  |     |       | 110         |          |          |  |  |                 | $\neg$   | 寸         | $\neg$   |
|             | 11       |   |                      | 77              |                  |              | T   |               | 61           |                    |                 |                      | ĦΠ  |     |       | 111         |          |          |  |  |                 | 寸        | $\dashv$  | _        |
|             | 12       | $\Pi$   |                      | 1               |                  |              |     |               | 62           | $\neg$             | $\sqcap$        |                      | $\Box$  |     |       | 112         |          | 1        |  |  | П               | 十        | $\dashv$  | $\dashv$ |
|             | 13       |   | $\neg \neg$          |                 |                  |              |     |               | 63           |                    | 7               |                      | $\top$  | 4.5 |       | 113         | $\top$   | 1        |  |  | П               | $\dashv$ | $\dashv$  | ㅓ        |
|             | 14       |   | 11                   | ++              |                  |              | 1   |               | 64           | 11-                | $\neg$          | $\neg \vdash \vdash$ | $\top$  | #.  |       | 114         | $\top$   | ╅        |  |  | П               | -+       | +         | ㅓ        |
|             | 15       |   | 11                   | $\top$          |                  |              | -   |               | 65           | <del></del>        |                 | $\top$               | 1   |     |       | 115         |          | 1        | 1  |  | ┌┈┤             | $\dashv$ | $\dashv$  | ㅓ        |
|             | 16       |   | 11                   |                 |                  |              |     |               | 66           |                    | $\dashv \dashv$ | $\neg$               | +   |     |       | 116         |          | $\top$   | <del>                                     </del> | <del>                                     </del> | Н               | 寸        | $\dashv$  | ᅱ        |
|             | 17       |   |                      | 1               |                  |              | 100 | T I           | 67           |                    | 11              | 11-                  | 1   | 74  |       | 117         |          | 1        | ╁  | -  | H               | $\neg$   | $\dashv$  | $\dashv$ |
|             | 18       |   |                      | 11              |                  | <b>—</b>     |     |               | 68           |                    | -               |                      | 1   |     |       | 118         |          | +        | 一  | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
|             | 19       | <del>                                      </del> | ++                   | ++              |                  |              | 1   | <del> i</del> | 69           |                    | ++              | ++-                  | +   | 13  |       | 119         | _        | +        | ╁┈   | -  | Н               | $\dashv$ | $\dashv$  | $\dashv$ |
| <del></del> | 20       | 11  |                      | <del></del>     |                  |              | -   | 一             | 70           |                    | +++             | <del></del>          | +   |     |       | 120         | +        | +        | $\vdash$   | $\vdash$   | Н               | -        | $\dashv$  | 一        |
|             | 21       | H   | <del>     </del>     | +               |                  |              | -   |               | 71           |                    | ++              | <del>-     -</del> - | +   |     |       | 121         | +        | +        | ├  | $\vdash$   |                 | -        | $\dashv$  | ᅱ        |
| <b>—</b>    | 22       |   |                      | + +             | +                |              | -   |               | 72           | -1                 | $\dashv$        | -                    |   |     |       | 122         | -        | +        | ╁┈   |  | Н               | $\dashv$ | +         | $\dashv$ |
|             | 23       | 11  | ++                   | ++-             |                  |              | 1   |               | 73           | <del></del>        | -               | _                    | +   |     |       | 123         |          | ╁        | ┢╌   | -  | $\vdash$        |          | +         | $\dashv$ |
| -           | 24       | H +   |                      | ╁╌┼             | ++-              | $\vdash$     | -   |               | 74           | <del></del>        | $\dashv \dashv$ | <del></del>          | +   |     |       | 124         |          | +        |  | -  | Н               | $\dashv$ | $\dashv$  | ᅱ        |
| -           | 25       | <del>                                      </del> | ++                   | ++              |                  | 1            | 1   |               | 75           | <del></del>        | +               | <del>  -</del>       | +   |     |       | 125         | -        |          | ├  |  | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
| -           | 26       |   | +                    | ++              |                  |              | -   |               | 76           |                    |                 |                      | +   |     |       | 126         |          | ╫        | ╁─   | $\vdash$   |                 |          | -         | 긕        |
| <b>—</b>    | 27       | 1   | + +                  | 1-1-            |                  | $\vdash$     | 1   |               | 77           | <del></del>        | $\dashv$        | +                    | +   |     |       | 127         |          | +-       | ├  | -  |                 | +        | $\dashv$  | $\dashv$ |
| -           | 28       |   | +                    | +               |                  |              | +   |               | 78           | <del></del>        | $\dashv$        |                      | +   |     |       | 128         |          | +        | ⊢  | -  | Н               | $\dashv$ | $\dashv$  | $\dashv$ |
|             | 29       |   | +                    | + +             | ++-              |              | ऻ   | - 1           | 79           | <del></del>        |                 |                      | +   |     |       | 129         | +        | +        | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$  |          |
| $\vdash$    | 30       |   |                      | +               |                  | -            | ŀ   |               | 80           | <del></del>        | +               |                      | +   |     |       | 130         | +        | +        |  | -  | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
| $\vdash$    | 31       | <del>                                      </del> | +                    | ++              | <del>     </del> | -            | 1   |               | 81           | <del>-      </del> | $\dashv$        | $\dashv$             | +   |     |       | 130         |          |          | ⊢  | H  |                 |          | -         | -        |
| -           | 32       | <del>                                      </del> |                      | <del> - -</del> |                  | - 1          | -   |               | 82           |                    |                 | ++                   | +   |     |       | 131<br>132  |          | +-       | ⊢  | -  | -               | -        | -         | -1       |
|             | 33       | #   |                      | +               | ++-              |              | -   |               | 83           | <del>- - - </del>  |                 |                      | +   |     |       |             | -        | +        | $\vdash$   |  |                 | $\dashv$ |           |          |
| $\vdash$    | 34       |   | +-                   | ++              | +                | H.           | -   | -             | 84           | +++                | -               | ++                   | +   | T.  |       | 133         |          | +-       | <del> </del>                                     | $\vdash$   | Н               | _        | $\dashv$  | 닉        |
| <b></b>     | 35       | ╫╌┼   | +                    | ++              |                  |              | -   |               | 85           | <del></del>        |                 | ++                   |   | 1.3 |       | 134         | $\dashv$ | +        | <del> </del>                                     | Н  | $\vdash$        |          |           | $\dashv$ |
| -           | 36       | -   | ++                   | +               |                  | 4            | 1   | -             | 86           | +++                | +               | ++-                  | +   |     |       | 135         |          |          | -  | Н  | $\vdash$        | $\dashv$ | $\dashv$  | 4        |
| <del></del> | 37       | #-  | ++                   | +-+-            | +                |              | -   | -             | 87           |                    |                 | ++                   | +   |     |       | 136         |          | +-       | H  | Н  | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
| -           | 38       | ╫┼  | +-+                  | ++              |                  | -            | -   |               | 88           | <del>- - -</del>   |                 | +                    | +   |     |       | 137         |          | $\perp$  | H  |  | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
|             | 39       | +   | ++                   | ++              | ++               | H            | -   |               |              |                    | $\dashv$        | ++                   | +-{   |     |       | 138         |          | $\perp$  | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ |
| -           | 40       | -   |                      | ++              | +                | $\mathbf{H}$ | -   |               | 89<br>90     |                    |                 |                      | +   |     |       | 139         |          | +        | $\vdash$   |  | $\vdash \vdash$ | 4        | $\dashv$  | $\dashv$ |
| -           | 41       | -   |                      | ++              | +-               |              | -   | $\dashv$      |              |                    |                 | ++                   | -   |     |       | 140         | +        | +        | $\vdash$   | -  | $\sqcup$        | -        | $\dashv$  | _        |
| ļ           | 41       | H+  | +                    | ++              |                  |              | ŀ   |               | 91           |                    |                 | ++                   | -   |     |       | 141         | -        | +        | $\vdash$   |  | Щ               | _        | $\dashv$  | 4        |
| <u> </u>    | 43       | H +   | +                    | ++-             |                  | $\square$    | -   | <del> </del>  | 92           |                    | -               |                      | 4-4   |     |       | 142         |          | +-       |  | Ш  |                 | $\dashv$ | $\dashv$  | $\dashv$ |
| -           |          | -   | <del>-   -   -</del> | ╅╼┼╴            | +                | $\dashv$     |     |               | 93           |                    | $\dashv$        |                      | 4-4   |     |       | 143         |          | $\perp$  | _  | Ш  | Ш               | _        | $\dashv$  | _        |
| <u></u>     | 44       | <del>    -   -</del>                              | -                    | ++              |                  | <u> </u>     | -   |               | 94           |                    |                 |                      | 1   |     |       | 144         | _        | 1        |  | Ш  |                 |          | 4         |          |
| <u></u>     | 45       | H   | +                    | +               | +                | H            | _   |               | 95           | $\rightarrow$      | +               |                      | 44  |     |       | 145         |          | <u> </u> | <u></u>  | Ш  | $\Box$          |          | $\dashv$  |          |
| <u> </u>    | 46       | <b>!</b>  |                      | +               |                  |              | -   |               | 96           |                    | -               | $\bot$               | $\bot$  |     |       | 146         | Ц.,      | 1        | $oxed{oxed}$                                     |  |                 | _        | $\perp$   |          |
|             |          | <b>₽</b>  | +                    | ++              |                  |              | -   |               | 97           |                    | $\bot$          |                      | 44  |     |       | 147         | _        | <u> </u> |  | Ш  |                 |          | $\perp$   |          |
|             | 48       | <u> </u>  | +                    | $\bot \bot$     |                  |              | · . |               | 98           |                    | $\bot \bot$     | $\bot \bot \bot$     | $\perp \! \! \perp$   |     |       | 148         |          |          | Ш  | Ш  |                 |          |           | $\Box$   |
|             | 49       | <u> </u>  | -                    | +               | $\bot \bot$      | Ц.           |     | ightharpoonup | 99           | $\bot$             | 44              | $\bot \bot$          | $\perp \! \! \perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |     |       | 149         | $\bot$   | L        |  | ot   |                 |          |           | ╝        |
| L           | 50       |   |                      |                 |                  |              | , L |               | 100          |                    | 1 1             |                      |   |     |       | 150         |          | 1        |  |  | T               | T        | Т         | ٦        |